

# HEAD MOUNTED MONITOR

PAPERLESS INSTRUCTIONS FOR MAINTENANCE, REPAIR, ASSEMBLY, DATABASES, TRAINING AND INSPECTION.



The new support system that brings you eye-to-eye with thousands of pages of text and diagrams

**GEC AVIONICS**

[www.rochesteravionicarchives.co.uk](http://www.rochesteravionicarchives.co.uk)

**Designed specifically for hands-free operation at the workplace, the GEC Avionics Inc. Head-Mounted Monitor is an inexpensive, fully-portable display system that provides improved efficiency and cost savings for a wide variety of applications.**

**With complete freedom of movement, the user can access or input information, using voice commands, while maintaining visual contact with the primary task. The Head-Mounted Monitor is ideal for use in labor-intensive applications which formerly required frequent reference to manuals or technical data.**

Designed as a two-element system, the Head-Mounted Monitor consists of the head-mounted display and a belt-mounted processor. Both units are lightweight and balanced for comfortable use over extended periods of time. A voice-controlled display preserves full freedom of movement while allowing the operator to visually concentrate on the task.

The head-mounted display consists of the monitor, integral drive electronics, boom microphone and earphone. Designed to allow for viewing with either the left or right eye, the monitor may be easily adjusted to suit the operator's preference.

**Features:**

- \* Portable/Self-Contained
- \* Computer-Generated Imagery or Live Video Display
- \* Voice recognition for hands-off operation
- \* Internal Battery Powered
- \* Internal Storage up to 16,000 pages of text or 2,000 diagrams (30 Mbytes + 2 Mbytes RAM)
- \* Bar Code Reader Compatible

**Potential applications for Head-Mounted Monitor include:**

- \* Flight Line Maintenance
- \* Equipment or Vehicle Servicing
- \* Manufacturing/Assembly Operations
- \* Training Activities
- \* Medical/Surgical Monitoring

The belt-mounted processor contains a 30 Mbyte disk drive, RS232 interface, volume and brightness controls, keypad switches and low battery indicator. The rechargeable battery pack provides two hours of remote operation. Also included are ports for RGB monitor, printer, external keyboard and external power supply.

Interface features allow full uploading or downloading of graphics or text from/to personal or mainframe computer systems. Large internal storage capacity is sufficient for typical aircraft maintenance manuals. A video input port provides capability for training or simulation.

**For additional information contact:**

Eric Robinson  
Business Development  
GEC Avionics Inc.  
P.O. Box 81999  
Atlanta, GA 30366  
Phone: (404) 448-1947  
FAX: (404) 246-0378

